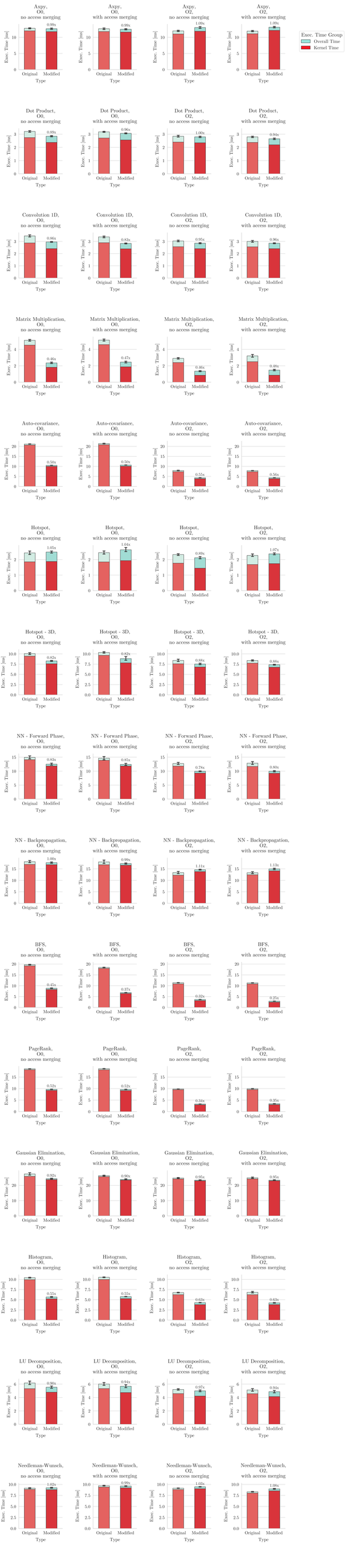
Axpy, O0, no access merging
0.99x
Axpy, O0, with access merging
0.99x
Axpy, O2, no access merging
1.09x
Axpy, O2, with access merging
1.09x
Exec. Time Group
Overall Time
Kernel Time
Dot Product, O0, no access merging
0.97x
Dot Product, O0, with access merging
0.96x
Dot Product, O2, no access merging
1.00x
Dot Product, O2, with access merging
0.94x
Convolution 1D, O0, no access merging
0.86x
Convolution 1D, O0, with access merging
0.83x
Convolution 1D, O2, no access merging
0.95x
Convolution 1D, O2, with access merging
0.96x
Matrix Multiplication, O0, no access merging
0.46x
Matrix Multiplication, O0, with access merging
0.47x
Matrix Multiplication, O2, no access merging
0.46x
Matrix Multiplication, O2, with access merging
0.48x
Auto-covariance, O0, no access merging
0.50x
Auto-covariance, O0, with access merging
0.50x
Auto-covariance, O2, no access merging
0.55x
Auto-covariance, O2, with access merging
0.56x
Hotspot, O0, no access merging
1.05x
Hotspot, O0, with access merging
1.04x
Hotspot, O2, no access merging
0.89x
Hotspot, O2, with access merging
1.07x
Hotspot - 3D, O0, no access merging
0.82x
Hotspot - 3D, O0, with access merging
0.82x
Hotspot - 3D, O2, no access merging
0.88x
Hotspot - 3D, O2, with access merging
0.88x
NN - Forward Phase, O0, no access merging
0.83x
NN - Forward Phase, O0, with access merging
0.85x
NN - Forward Phase, O2, no access merging
0.78x
NN - Forward Phase, O2, with access merging
0.80x
NN - Backpropagation, O0, no access merging
1.00x
NN - Backpropagation, O0, with access merging
0.99x
NN - Backpropagation, O2, no access merging
1.11x
NN - Backpropagation, O2, with access merging
1.13x
BFS, O0, no access merging
0.45x
BFS, O0, with access merging
0.37x
BFS, O2, no access merging
0.32x
BFS, O2, with access merging
0.25x
PageRank, O0, no access merging
0.52x
PageRank, O0, with access merging
0.52x
PageRank, O2, no access merging
0.34x
PageRank, O2, with access merging
0.35x
Gaussian Elimination, O0, no access merging
0.92x
Gaussian Elimination, O0, with access merging
0.90x
Gaussian Elimination, O2, no access merging
0.95x
Gaussian Elimination, O2, with access merging
0.95x
Histogram, O0, no access merging
0.55x
Histogram, O0, with access merging
0.55x
Histogram, O2, no access merging
0.63x
Histogram, O2, with access merging
0.63x
LU Decomposition, O0, no access merging
0.90x
LU Decomposition, O0, with access merging
0.94x
LU Decomposition, O2, no access merging
0.97x
LU Decomposition, O2, with access merging
0.94x
Needleman-Wunsch, O0, no access merging
1.02x
Needleman-Wunsch, O0, with access merging
0.99x
Needleman-Wunsch, O2, no access merging
1.03x
Needleman-Wunsch, O2, with access merging
1.08x
Exec. Time [ms]
Type
Original
Modified